

Renewable Energy Generation

Conservation Activity Job Sheet

(NJAir02)



Cost-conscious and conservation-minded farmers have become increasingly aware of the impact that energy has on their ability to sustain their operations. The rising cost of electricity alone can determine whether some farmers are able to stay in business, especially dairy farmers and operations that rely on pumping irrigation water.

Farmers can add energy generation to their operations, gaining efficiency and creating significant savings. For many farmers, solar, wind, or biogas (methane generation) can be generated and used on the farm to conserve energy and increase energy independence.

Currently, only 2 percent of the total energy consumption in the United States comes from clean, renewable resources, but the potential power output of renewable energy resources is great.

In order to encourage increased energy production from renewable sources, NRCS will provide payments to qualified agricultural producers for each 100 kilowatt hour equivalent of electricity they generate on-farm from solar, wind, or methane sources that is used for agricultural production activities.

Documentation Required: Energy savings verified by the NJ Public Utilities Commission or local electric utility.

Payment Rate: The 2007 payment will be \$2.50 per 100 KWh.